

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted to  
Group Art Unit 1763, 703-872-9311, addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450.

Date: July 2, 2003

  
Christopher A. Bennett

**RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
GROUP ART UNIT 1763****PATENT**  
36856.406#6  
7/3/03  
m**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Yoshiyuki TONAMI et al.	Art Unit: 1763
Serial No.: 09/761,317	
Filing Date: January 17, 2001	Examiner: R. Kackar
For: METHOD OF WIRING FORMATION AND METHOD FOR MANUFACTURING ELECTRONIC COMPONENTS	

**COMMENTARY RE INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit a copy of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement, and that this is the first citation of these prior art references by a foreign patent office in a counterpart foreign patent application.

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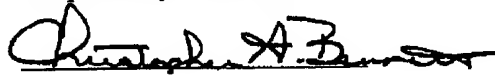
Serial No. 09/761,317

Page 2 of 2

In accordance with 37 CFR § 1.97 (c), Applicants enclose a Credit Card Form for \$180.00 to pay for the fee set forth in 37 CFR § 1.17(p). The Commissioner is authorized to charge Deposit Account No. 50-1353 for any fee shortages

Applicants respectfully request that the disclosed reference be made of record in the subject application.

Respectfully submitted,



Date: July 2, 2003

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FORM PTO-1449 (MODIFIED)				ATTY. DOCKET NO. 36856.406		SERIAL NO.: 09/761,317	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT  (USE SEVERAL SHEETS IF NECESSARY)				APPLICANT(S): Y shiyuki TONAMI et al.			
Sheet	1	of	1	FILING DATE: January 17, 2001		GROUP: 1763	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate		
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Filing Date Subclass if appropriate		
	AG 6-260482 (English Abstract)	9/1994	Japan				
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AP						
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

File No. PA00273

Dispatch No. 172832  
Date of Dispatch: May 27, 2003

1/2

## NOTIFICATION OF REASONS FOR REJECTION

Patent Application No.: Patent Application No. 2000-008247  
Draft Date: May 19, 2003  
Patent Office Examiner: Tomoko Sugano 9545 4M00  
Agent of Patent Applicant: Masafusa Nakano  
Applicable Sections: Section 29 (2) and Section 36

[Stamp: Received, 5/28/03, Nakano Patent]

[Handwritten note: Deadline: 7/28]

The present application should be rejected for the following reasons. If you have an opinion concerning this, please submit a statement of opinion within 60 days of the date of dispatch of this notification.

## Reasons

1. The inventions claimed in the following claims of the present application are inventions that could easily have been invented prior to the filing of the application by a person having an ordinary knowledge of the technical field to which the inventions belong on the basis of inventions described in the following publication, which was disseminated in Japan or in foreign countries prior to the filing of the application. Thus, in accordance with the provisions of Section 29 (2) of the Patent Law, these inventions cannot be patented.
2. The description in the Claims of the present application does not satisfy the requirements stipulated in Section 36 (6) (ii) of the Patent Law in the following respects.

Note (For cited references, etc., see the Table of Cited References, etc.)

- Claims 1, 2, 4, and 5  
Reason 1  
Cited References, etc. 1  
Remarks:

Reference should be made to the third embodiment and Figures 19 through 26 of Cited Example 1 below.

Although it is indicated that dry etching utilizing a chemical reaction is employed in the etching of the feeder layer described in Cited Example 1, the use of wet etching utilizing a chemical reaction is no more than a matter that could easily be design by a person skilled in the art.

- Claim 4  
Reason 2  
Remarks:

(1) The phrase "lower-layer of the plating base film" is found in Claim 4, but the correlation between this "lower-layer" and the "feeder film" formed below the plating base film is unclear.

[Stamp: 5/29/03, Otaru]

Dispatch No. 172832

2/2

(2) A "function layer such as an adhesive layer and a diffusion preventive layer" is mentioned. In view of [the use of] the wording "such as," however, it is unclear what other types of layer may be included, so that the invention described in the claim cannot be specified.

In regard to the inventions claimed in claims other than the claims indicated in this Notification of Reasons for Rejection, no reasons for rejection have been discovered at this time. If reasons for rejection are newly discovered, you will be notified of these reasons for rejection.

#### Table of Cited References, etc.

1. Japanese Patent Application Kokai No. H06-260482

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(1) If amending the specification, underline the portions where changes of descriptions are made as a result of the amendment. (Regulation under the Patent Law, Format No. 13, Remark 6),  
(2) When making amendment(s), note that amendments are limited to the items described in the initial specification or drawings at the time of filing of the present application, and the items that could be derived directly and definitively by a person skilled in the art from the items described in the initial specification or drawings at the time of filing; furthermore, the reason(s) that each amended item is lawful should be stated in an Opinion Brief by clearly indicating the portion(s) of the initial specification at the time of filing that constitute the grounds [for lawfulness]. With regard to the description format for an Opinion Brief, reference should be made to the description format for a request for corrections in the patent opposition statement.

#### Record of Results of Survey of Prior Art References

- Field surveyed: IPC 7<sup>th</sup> Edition  
H 01 L 21/3205,  
H 01 L 21/321,  
H 01 L 21/768,  
H 01 L 21/3213

This record of the results of a survey of prior art references does not constitute any reason for rejection.